

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A process for the treatment of the glass sheets of an asymmetric pair of glass sheets for the production of a laminated window, wherein the glass sheets are preheated, then undergo a press-bending process, wherein the preheating and/or the press-bending process are controlled in such a way that the two glass sheets ~~are at substantially the same~~ have a temperature difference of no more than approximately 3 to 5° C after completion of the press-bending process, after which the glass sheets are cooled.
2. (Previously Presented) The process according to claim 1, wherein the temperature of the glass sheets is detected as a control parameter after completion of the press-bending process.
3. (Previously Presented) The process according to claim 1, wherein the temperature of the glass sheets is detected as a control parameter before the start of the press-bending process.
4. (Previously Presented) The process according to claim 1, wherein the glass sheet heating more rapidly is subjected to the press-bending process for a longer period than the glass sheet heating more slowly.

5. (Previously Presented) The process according to claim 1, wherein the glass sheet heating more rapidly is subjected to intermediate cooling during or immediately after the preheating.

6. (Previously Presented) The process according to claim 5, wherein the intermediate cooling is carried out by blowing air at ambient temperature at both sides of the glass sheet.

7. (Previously Presented) The process according to claim 6, wherein the air is blown with a blowing pressure of <200 mbar.

8. (Withdrawn) A plant for the treatment of the glass sheets of an asymmetric pair of glass sheets for the production of laminated glass, comprising a preheating furnace, followed by a press-bending station, a lehr downstream of the press-bending station, a control device for controlling the preheating furnace and/or the press-bending station and at least a first temperature measuring point for the glass sheets, arranged between the press-bending station and the lehr, the signal from which temperature measuring point is fed to the control device and used directly or indirectly for controlling the preheating furnace and/or the press-bending station.

9. (Withdrawn) The plant according to claim 8, wherein there is provided before the press-bending station a further temperature measuring point, the signal

from which is fed to the control device and used as an indirect measure of the temperature of the glass sheets at the exit of the press-bending station for controlling the preheating furnace and/or the press-bending station.

10. (Withdrawn) The plant according to claim 8, further comprising an intermediate cooling installation arranged in the preheating furnace, whereby the control device causes the intermediate cooling installation to act solely on the glass sheet heating more rapidly.

11. (Withdrawn) The plant according to claim 10, wherein the intermediate cooling installation is designed as a stationary air-cooling installation and has at least one pair of jet tubes, which are aligned at right angles to the transport direction of the glass sheets and, lying opposite one another, act on the upper and lower side of the glass sheet heating more rapidly.

12. (Withdrawn) The plant according to claim 11, wherein the jet tubes have a diameter of approx. 40 mm to 60 mm.

13. (Withdrawn) The plant according to claim 8, wherein the preheating furnace is designed as a roller-hearth furnace, whereby the spacing between its transport rollers diminishes towards the exit, and that the pair of jet tubes, or in the case of several pairs of jet tubes the pair lying nearest to the exit, is arranged where the lower jet tube just still fits between two neighbouring transport rollers.

14. (Withdrawn) The plant according to claim 8, further comprising a timing control element, with which the dwell time of the glass sheets in the press-bending station is set according to the temperature of the glass sheets at the exit of the press-bending station determined with the aid of the temperature measuring point(s).

15. (Currently Amended) A process for the treatment of the glass sheets of an asymmetric pair of glass sheets for the production of a laminated window, comprising:

preheating the asymmetric glass sheets;

press-bending the glass sheets;

detecting the temperature of the glass sheets after press-bending the glass sheets; and

controlling the preheating and/or the press-bending so that the glass sheets ~~are at substantially the same~~ have a temperature difference of no more than approximately 3 to 5 °C after press-bending the glass sheets, after which the glass sheets are cooled.

16. (Previously Presented) The process according to Claim 15, wherein the press-bending of the glass sheets is performed at a press-bending station having a glass-bending mould, and wherein the detecting of the temperature of the glass sheets is performed at the exit of the press-bending station.

17. (Previously Presented) The process according to Claim 15, wherein the control of the preheating and/or the press-bending is performed based on the detected temperature of the glass sheets after press-bending the glass sheets.